Docket No.: 005920 USA/PMG/PCTRL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

SHANMUGASUNDRAM et al.

Serial No. 09/943,383

Filed: August 31, 2001

NOV 2 4 2004 23

: Group Art Unit: 2823

Examiner: William D. Coleman

For: IN SITU SENSOR BASED CONTROL OF SEMICONDUCTOR PROCESSING PROCEDURE

HONORABLE COMMISSIONER FOR PATENTS Alexandria, VA 22313-1450

Alexandria, VA 22313-1

Dear Sir:

Transmitted herewith is an Amendment in the above identified application.

[] No additional fee is required.

[] Small Entity Status has been previously established.

Also attached: Change of Correspondence Address and Associate Power of Attorney.

[X] The fee has been calculated as shown below:

LARGE ENTITY

·.	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	57	72	0	x \$18 =	
Independent Claims	7	8		x \$88 =	
L		If multiple claims newly presented, add \$300.00 Fee for extension of time TOTAL FEE DUE			
					\$980.00
					\$980.00

- [X] Please charge my Deposit Account No. <u>08-0219</u> in the amount of \$980.00. An additional copy of this transmittal sheet is submitted herewith.
- [X] The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. <u>08-0219</u>, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

Wilmer Cutler Pickering Hale and Dorr LLP

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PROCEDURE

AMENDMENT UNDER 37 C.F.R. § 1.111

Honorable Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This Amendment responds to the office action of May 28, 2004. Claims 1-75 are pending in the present application, claims 55-72 have been withdrawn from consideration, and claims 73-75 have been added by this Amendment.

Amendments to the Claims are reflected in the listing of claims, which begin on page 2 of this paper.

Remarks/Arguments begin on page 15 of this paper.